Welch Allyn Holter Systems

System Software Specifications

Minimum System Requirements

- Microsoft® Windows XP Operating System, or Microsoft® Windows Vista Operating System (32-bit and 64-bit) Home Premium, Business or Enterprise, or Microsoft® Windows 7 Operating System (32-bit and 64-bit) Home Premium or Professional, or Microsoft® Windows 2003 Operating System
- 300 MHz Pentium processor or faster
- 256 MB RAM
- 40 GB hard drive
- Mouse and keyboard
- CD-ROM drive
- Printer with 300 dpi resolution
- USB 1.1 or 2.0—or USB ports
- CD writer or equivalent for data backup (if required)
- 1024 x 768 screen resolution

Ordering Information

Kits and Systems

100710* PCH-100 Office Holter Software Kit
Includes software, 1 HR-100 Holter recorder, and 7-lead patient cable

100711* PCH-100 Office Holter System
Includes laptop with 15” display, laser printer, Holter software, 1 HR-100 Holter recorder, and 7-lead patient cable

100712* PCH-200 Expert Holter Software Kit
Includes software, 1 HR-100 Holter recorder, and 7-lead patient cable

100713* PCH-200 Expert Holter System
Includes laptop with 15” display, laser printer, Holter software, 1 HR-100 Holter recorder, and 7-lead patient cable

*Note: The above models include:
- USB Bluetooth Adapter
- USB SD Card Reader

Software

101510 PCH-100 Standalone Holter Software without Recorder

101511 PCH-100 LAN—3-user Holter Software without Recorder

101512 PCH-200 Standalone Holter Software without Recorder

101513 PCH-200 LAN—3-user Holter Software without Recorder

Accessories

401700 HR-100 Holter Recorder with 5-lead cable

401701 HR-100 Holter Recorder with 7-lead cable

3-channel Holter Hookup Kit

Holter Electrodes, 500/case

Specifications

Holter Recorder Characteristics

Length HR-100 HR-300
3.8 in (96.5 mm) 4.4 in (112 mm)

Width HR-100 HR-300
2.2 in (56 mm) 3.1 in (78 mm)

Height HR-100 HR-300
0.7 in (18 mm) 1.4 in (36 mm)

Weight HR-100 HR-300
7 oz (198 g) 14 oz (397 g)

Keyboard Elastomer keypad with navigational and soft menu keys.

Environmental Specifications

Operating Temperature
32 °F to 113 °F (0 °C to 45 °C)

Storage Temperature
-10 °F to 149 °F (-23 °C to +65 °C)

Operating Humidity
10 to 95% noncondensing

Storage Humidity
5 to 95% noncondensing

Operating Altitude
700 to 1060 millibars

Storage Altitude
700 to 1060 millibars

Operating Shock
3 in (75 mm) drop to hard surface on any axis

Storage Shock
31.5 in (0.8 m) drop to hard surface on any axis

Operating Vibration
0.0002 G²/Hz from 5 to 350 Hz, ramping to 0.0001 G²/Hz from 350 to 500 Hz, random vibration spectrum, 10 minutes in each of three orthogonal axes

Device Classification

Meets or exceeds Council Directive 93/42/EEC, MDD, Class IIb

AECG, Device Type
Type I

EMC
Class 2B

Conforms to Regulatory Standards

International Electrotechnical Commission
CAN/CSA C22.2 No. 601.1-M90
UL 60601-1
International Electrotechnical Commission
60601-1-2

American Association of Medical Instrumentation
ANSI/AAMI EC38-1998

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SM2950 Rev E

Welch Allyn Holter Monitoring Systems

Helping you improve patient care.
Welch Allyn Holter Monitoring Systems—user-friendly, configurable systems that improve practice efficiency and EHR compatibility while streamlining your workflow.

- Easy-to-use software and recorders help improve patient compliance due to their lightweight, compact profile
- Office or Expert Holter Software can be configured with a compact digital recorder featuring 2- or 3-channel recording for a detailed evaluation

Welch Allyn Office Holter Software—PCH-100
- Easy-to-use, intuitive menus allow you to easily program your test with Start Test Wizard
- Transfer recordings in minutes for immediate results, review even before your patient leaves the office
- Highlight key areas for further analysis with the unique summary results presentation
- View a live preview display of the ECG for lead quality verification
- Automatic pacemaker detection
- Format your reports so they work best for you
- Adjust clinical parameters to match your practice needs and workflow

Choose either recorder to work with your preferred software system.

HR-100: Holter recording in an incredibly small package
- 2– or 3–channel recording
- 24–48 hours of recording time
- Pacer detection
- Wireless transfer of patient’s ECG in real-time to verify electrode quality and placement

HR-300: Powerful features for the demanding user
In addition to the features offered in the HR-100, the HR-300 offers the following:
- Display for real-time ECG preview or test programming
- Programmable sampling rates of 200, 500, and 1,000 ips
- Control speed and resolution of full-disclosure review with Autopaging function
- Record results as you move through the editing process with the Floating report interpretation window
- Email Holter reports for review and consultation
- Administrative functions with password log-on controls to support your program for HIPAA compliance
- Heart rate variability analysis

Now you can preview the ECG on the recorder display for remote initialization.

Welch Allyn Expert Holter Software—PCH-200
Offers the features from the PCH-100 software plus additional detailed analysis and comprehensive editing tools including:
- Review detailed results from any entry point: Forms, Arrhythmias, Heart Rate, ST and FD modes
- Review and edit down to the beat level from every review mode
- Relabel beats individually or as a form
- Manually mark/label/insert ECG strips as required
- Mark and relabel regions as atrial fibrillation or artifact
- Multiple final report customization options
- On-screen calipers for precise ECG measurement
- Control speed and resolution of full-disclosure review with Autopaging function
- Record results as you move through the editing process with the Floating report interpretation window
- Email Holter reports for review and consultation
- Administrative functions with password log-on controls to support your program for HIPAA compliance
- Heart rate variability analysis